First Named Inventor or Application Identifier Express Mail Label No.

Ramin Farjad-Rad

Title of Inven

LINEAR DATA RECOVERY PHASE DETECTOR

HOH		

	APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.					ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231					
ſ	1. [X]	. [X] Fee Transmittal Form (Submit an original, and a duplicate for fee processing)				6. [] Microfiche Computer Program (Appendix)					
	2. [X]	Specification [Total Pages [11] (preferred arrangement set forth below) - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to microfiche Appendix - Background of the Invention		•	7.	[]	(if applica. [] b. []	cable, all necess Computer Rea Paper Copy (i Pages	ary) adable Copy dentical to o	computer copy)	
			nary of the Invention Description of the Drawing		_			c. []	Statement ver	ifying identi	ty of above copies
			ed Description	35	<u> </u>	ACCOMPANYING APPLICATION PARTS					ION PARTS
22		- Claim(s) - Abstract of the Disclosure		1	8.	[X] []	Assignm Assignee	ent Papers (cov	er sheet & d	ocuments)	
	3. [X]		s) (35 U.S.C. 113) [Total	Sheets [3]							
"The plant parm and park plant for the part for the plant for the part for the plant for the part for the plant fo		[] Form [X] Fig. o	nal [X] Informal of the Drawings for Publica	ation [1]		9.	[]	37 C.F.F.	R. 3.73(b) States re is an assignee)	ment []	Power of Attorney
	4. [X]	Oath or D	Declaration/POA [Total	Pages [2]	1	0.	[]	English 1	Franslation Doc	ument (if ap	plicable)
241 22 24		a. [X]	Newly executed (original o	or copy)	1	1.	[X]	Informati Statemen	ion Disclosure at (IDS)/PTO-14	[X]	Copies of IDS Citations
H. Horle three three three parts in		b. [] Copy from a prior application (37 C.F.R. 1. (for continuation/divisional with Box 18 com, [NOTE Box 5 below]	ith Box 18 comple		2.	[]	Prelimin	ary Amendment	;		
		i. [] <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting				13. [X] Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
 		inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).		(2)	4.	[]	Small En Statemen	atity [] S at(s) st	tatement file atus still pro	ed in prior application, oper and desired	
İ	5. []	Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a			5.	[]	Certified (if foreign	Copy of Priorit n priority is cla	y Documen imed)	t(s)	
		copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.						Nonpubl Other:	ication Request	(check pare	nt application)
L	application and to horozy montportated by reteriorite anti-orit.										
	18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:										
ł	Prior application information: Examiner:						nuation-in-part (CIP) of prior application No.:				
ļ							Group Art Unit:				
-			Iomoo M Smith F	19. CORRE	SPON	DE	NCE	ADDRE	SS		
	NAME		James M. Smith, Es HAMILTON, BROO	•	FYNOI	ח	SP	<u> </u>			
ŀ	ADDRESS Two Militia Drive						-, r .	<u>. </u>			
- ⊩	CITY		Lexington	STATE	MA	1		-	ZIP CODE	02421-47	799

Signature	Sud 2 Wil	Date	5/22/01
Submitted by Typed or Printed Name	Gerald M. Bluhm	Reg. Number	44,035

(781) 861-6240

(781) 861-9540

FAX

TELEPHONE

USA

COUNTRY

CLAIM CALCULATION (includes any preliminary amendment)

ALCULATIONS	(5) C	(4) RATE	(3) NUMBER EXTRA	(2) NUMBER FILED	(1) FOR	CLAIMS			
0	\$	x \$18 =	0	10 - 20* =	TOTAL CLAIMS (37 CFR 1.16(c) or (j))				
0	\$	x \$80 =	0	3 - 3**=	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))				
	\$	+ \$ 270 =	R 1.16(d))	LAIMS (if applicable) (37 (MULTIPLE DEPENDENT C				
710	\$	BASIC FEE (37 CFR 1.16(a) or (h))							
710	\$	Total of above Calculations =							
	\$	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =							
710	\$	TOTAL =							
	\$	Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) = Petition for Extension of Time Fee (37 C.F.R. 1.17) = Assignment Recordation Fee = (only when filed with application)							
	\$								
40	\$								
750	\$	* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent TOTAL =							

1.	Small	entity	status:
----	-------	--------	---------

Just that they floor

- a. [] A small entity statement is enclosed.
- b. [] A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
- c. [] Is no longer claimed.
- 2. [X] A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.
- 3. [X] A check is enclosed for \$750.
- [] Please charge \$[] to Deposit Account No. 08-0380.
- 4. [X] Other: IDS, 1449 (1p.) and references

Signature	Guds 2 Del	Date	5/22/01
Submitted by Typed or Printed Name	Gerald M. Bluhm	Reg. Number	44,035